

## INTRODUCTION

The establishment of a Lowe (Eagle) Distribution Center has been proposed at the Tooele Army Depot, near Tooele Utah. This study was initiated to evaluate the impact on Utah's pavements due to the additional truck traffic generated by the center, and to estimate revenues resulting **from** the increased trucking operations. It was estimated that the center will result in additional traffic of 260 trucks per day on the highways from Wendover, Nevada to the distribution center, and 140 trucks per day in the sections from Evanston, Wyoming to the depot. A total of 211.22 miles of pavement would be effected by the additional traffic; 102.64 miles on the west route and 108.58 miles on the east route. It was assumed traffic to the center would use the gate on SR 112.

### **Objectives:**

- 1- Estimate the pavement impacts of freight transport to the proposed Lowe Distribution Center.
- 2- Calculate an estimate of revenue that would be generated due to increased fuel tax and truck registration fees.
- 3- Provide this information to the Governor's Office of Planning and Budget for use in an overall cost/benefit analysis of the proposed haul.
- 4- Include these findings in UDOT's pavement management programs.